

Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2017 (EU)

NOA A/C II Rheo (E)

A high build, two-pack epoxy tiecoat anticorrosive designed taking health, safety and environmental issues into consideration. Combined with NOA 10 F, the system provides good adhesion to various kinds of antifouling and finishes (acrylic, epoxy, urethane, etc.)

It is overcoatable, allowing unlimited overcoating intervals, in combination with NOA 10 F and also for the various kinds of finishes in above water areas.

This paint does not affect the polishing of antifouling adversely. This tiecoat is applied for all coating systems of outer hull areas.

Suitable Use	Anticorrosive for outer hull (including boottop and topsides), decks, superstructure, etc.		
Type	Epoxy (Two-pack / High build)		
Colour (Product Code)*	Gray (EPPV 7101)*	*Not color code (See note 4)	
	HARDENER (ERX 1703)*		
Gloss	Flat		
Volume Solids	52 ± 2% (ISO3233:1998) depending on colour shade		
Typical Dry Film Thickness	50 ~ 125 µm		
Approx. Wet Film Thickness	96 ~ 240 µm		
Theoretical Coverage	6.94 m ² / L (75 µm)		
Drying Time	Surface Dry	4 hours (5°C)	2 hour (20°C) 90 minutes (30°C)
	Dry Hard	20 hours (5°C)	12 hours (20°C) 8 hours (30°C)
	Full Cure	8 days (5°C)	7 days (20°C) 6 days (30°C)
Interval before Overcoating (by self)	Min.	20 hours (5°C)	12 hours (20°C) 8 hours (30°C)
	Max.	— (5°C)	— (20°C) — (30°C)
Thinner (Code. No.)	NIPPON MARINE THINNER 600 (VEP 47) / 0 ~ 10%, by weight		
Application Method	Airless Spray	Tip range	0.43 ~ 0.53 mm (0.017" - 0.021)
		Fan angle	55° ~ 62°
		(For T/U)	30°
		Output pressure	150 ~ 200 kg / cm ²
	Brush	For touching up small areas only	
Mixing Ratio by Volume	BASE 19 / HARDENER 1		
Pot Life after Mixing	12 hours (5°C) 8 hours (20°C) 4 hours (30°C)		
Typical Package	20 L (BASE 19L, HARDENER 1L)		
Flash Point	25°C		
Surface Preparation	All surfaces to be coated should be clean, dry and free from contamination.		
	High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters.		

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Generals	For commercial use only. Attention - Avoid exposure - obtain special instructions before use.
Safety	Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.) Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits. Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.

<Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) Prior to overcoating, remove heavily chalked layer, salt contamination, etc. by fresh water washing.
- 3) Store the paints in paint store.
- 4) This code is internal product code of NPMEU. Please be careful as it isn't color code.